

Monday, July 25th

18:00-19:00

Vienna University of Economics
Festsaal 1 of the Library and Learning Center

Invited Talk
Gerhard Widmer

19:00-23:00

Vienna University of Economics
Library and Learning Center (LC),

Reception

TUESDAY, July 26th

08:45-09:45	Strauss 2-3			Opening Ceremony	
09:00-12:30	Schubert 1			Competition	
09:00-16:00	Hall B: Booth IJCAI-1J2			Robot Exhibition	
09:45-10:45	Strauss 2-3			Invited Talk Tim Miller	
10:45-11:15				Coffee break	
11:15-12:30	Lehar 1	[Search]	#2265	Efficient Algorithms for Monotone Non-Submodular Maximization with Partition Matroid Constraint	Lan N. Nguyen, My T. Thai
			#7577	Large Neighborhood Search with Decision Diagrams	Xavier Gillard, Pierre Schaus
			#517	Combining Clause Learning and Branch and Bound for MaxSAT (Extended Abstract)	Chu-Min Li, Zhenxing Xu, Jordi Coll, Felip Manyà, Djamel Habet, Kun He
			#5317	Completeness and Diversity in Depth-First Proof-Number Search with Applications to Retrosynthesis	Christopher Franz, Georg Mogk, Thomas Mrziglod, Kevin Schewior
			#4730	Runtime Analysis of Single- and Multi-Objective Evolutionary Algorithms for Chance Constrained Optimization Problems with Normally Distributed Random Variables	Frank Neumann, Carsten Witt
11:15-12:30	Lehar 4	[Computer Vision] Machine Learning for Vision	#7449	Generalisation of Alpha-Beta Search for AND-OR Graphs With Partially Ordered Values	Junkang Li, Bruno Zanuttini, Tristan Cazenave, Véronique Ventos
			#SV137	Problem Compilation for Multi-Agent Path Finding: a Survey	Pavel Surynek
			#1891	KUNet: Imaging Knowledge-Inspired Single HDR Image Reconstruction	Hu Wang, Mao Ye, Xiatian Zhu, Shuai Li, Ce Zhu, Xue Li
			#915	To Fold or Not to Fold: a Necessary and Sufficient Condition on Batch-Normalization Layers Folding	Edouard Yvinec, Arnaud Papogny, Kevin Bailly
			#1492	Stochastic Coherence Over Attention Trajectory For Continuous Learning In Video Streams	Matteo Tiezzi, Simone Marullo, Lapo Faggi, Enrico Meloni, Alessandro Betti, Stefano Melacci
11:15-12:30	Strauss 1	[Machine Learning] IJ3	#5714	Test-time Fourier Style Calibration for Domain Generalization	Xingchen Zhao, Chang Liu, Anthony Sicilia, Seong Jae Hwang, Yun Fu
			#5797	ChimerMix: Image Classification on Small Datasets via Masked Feature Mixing	Christoph Reinders, Frederik Schubert, Bodo Rosenhahn
			#6040	Learning to Assemble Geometric Shapes	Jinwei Lee, Jungtaek Kim, Hyunsoo Chung, Jaesik Park, Minsu Cho
			#2804	Federated Learning on Heterogeneous and Long-Tailed Data via Classifier Re-Training with Federated Features	Xinyi Shang, Yang Lu, Gang Huang, Hanzi Wang
			#5233	Online Hybrid Lightweight Representations Learning: Its Application to Visual Tracking	Ilchae Jung, Minji Kim, Eunhyeok Park, Bohyung Han
11:15-12:30	Strauss 2-3	[Agent-based and Multi-agent Systems] Computational Social Choice ¼	#2238	Spatially-guided Transformer for 3D Dense Captioning on Point Clouds	Heng Wang, Chaoyi Zhang, Jianhui Yu, Weidong Cai
			#684	Multiband VAE: Latent Space Alignment for Knowledge Consolidation in Continual Learning	Kamil Deja, Paweł Wawrzyński, Wojciech Masarczyk, Daniel Marczak, Tomasz Trzcirski
			#2221	Pruning-as-Search: Efficient Neural Architecture Search via Channel Pruning and Structural Reparameterization	Yanyu Li, Pu Zhao, Geng Yuan, Xue Lin, Yanzhi Wang, Xin Chen
			#5411	Can We Find Neurons that Cause Unrealistic Images in Deep Generative Networks?	Hwanil Choi, Wonjoon Chang, Jaesik Choi
			#SV43	Deep Learning with Logical Constraints	Eleonora Giunchiglia, Mihaela Catalina Stăniă, Thomas Lukasiewicz
11:15-12:30	Stolz 2	A4Good1	#SV29	Evaluation Methods for Representation Learning: A Survey	Kento Nozawa, Issel Sato
			#7534	Tessellation-Filtering ReLU Neural Networks	Bernhard A. Moser, Michal Lewandowski, Somayeh Kargaran, Werner Zellinger, Battista Biggio, Christoph Koutschan
			#JT28	A Theoretical Perspective on Hyperdimensional Computing (Extended Abstract)	Anthony Thomas, Sanjoy Dasgupta, Tajana Rosing
			#A4G25	Sequential Vaccine Allocation with Delayed Feedback	Yichen Xiao, Han-Ching Ou, Haipeng Chen, Van Thieu Nguyen, Long Tran-Thanh
			#A4G42	ADVISER: AI-Driven Vaccination Intervention Optimiser for Increasing Vaccine Uptake in Nigeria	Vineet Nair, Kritika Prakash, Michael Wilbur, Aparna Taneja, Corinne Namblard, Oyindamola Adeyemo, Abhishek Dubey, Abiodun Adereni, Milind Tambe, Ayan Mukhopadhyay
11:15-12:30	Stolz 2	A4Good1	#A4G109	Scalable and Memory-Efficient Algorithms for Controlling Networked Epidemic Processes Using Multiplicative Weights Update Method	Prathush Sambaturu, Marco Minutoli, Mahantesh Halappanavar, Ananth Kalyanaraman, Anil Vullikanti
			#A4G93	Chronic Disease Management with Personalized Lab Test Response Prediction	Suman Bhoi, Mong Li Lee, Wynne Hsu, Hao Sen Andrew Fang, Ngai Chuan Tan
			#A4G21	Crowd, Expert & AI: A Human-AI Interactive Approach Towards Natural Language Explanation Based COVID-19 Misinformation Detection	Zyi Kou, Lanyu Shang, Yang Zhang, Zhenrui Yue, Huimin Zeng, Dong Wang
			#A4G1	AggPose: Deep Aggregation Vision Transformer for Infant Pose Estimation	Xu Cao, Xiaoye Li, Liya Ma, Yi Huang, Xuan Feng, Zening Chen, Hongwu Zeng, Jianguo Cao
			12:30-14:00		
14:00-15:00	Strauss 2-3			Invited Talk Pete Wurman	
14:00-17:30	Schubert 1			Competition	
15:00-15:30				Coffee break	
15:30-16:15	Lehar 3	[Knowledge Representation and Reasoning] Argumentation	#975	Limits and Possibilities of Forgetting in Abstract Argumentation	Ringo Baumann, Matti Berthold
			#5897	Abstract Argumentation Frameworks with Marginal Probabilities	Bettina Fazzinga, Sergio Flesca, Filippo Furfaro
			#1330	Inverse Problems for Gradual Semantics	Nir Oren, Bruno Yu, Srđan Vojac, Muriel Bartista
			#2833	Possibilistic Logic Underlies Abstract Dialectical Frameworks	Jesse Heyninck, Gabriele Kern-Isbemer, Tjitze Rienstra, Kenneth Skiba, Matthias Thimm
			#5685	On Preferences and Priority Rules in Abstract Argumentation	Gianvincenzo Alfano, Sergio Greco, Francesco Parisi, Irima Trubitsyna
15:30-17:00	Lehar 4	[Machine Learning] Time-series; Data Streams	#6265	Fallacious Argument Classification in Political Debates	Pierpaolo Goffredo, Shohreh Haddadan, Vorakit Vorakithpan, Elena Cabrio, Serena Villata
			#6233	Coherent Probabilistic Aggregate Queries on Long-horizon Forecasts	Prathamesh Deshpande, Sunita Sarawagi
			#2512	Neural Contextual Anomaly Detection for Time Series	Chris U. Carmona, François-Xavier Aubet, Valentin Flunkert, Jan Gasthaus
			#4969	DeepExtrema: A Deep Learning Approach for Forecasting Block Maxima in Time Series Data	Asadullah Hill Galib, Andrew McDonald, Tyler Wilson, Lifeng Luo, Pang-Ning Tan
			#4471	Taylor-Lagrange Neural Ordinary Differential Equations: Toward Fast Training and Evaluation of Neural ODEs	Franck Djeumou, Cyrus Neary, Eric Goubault, Sylvie Putot, Uluk Topcu
15:30-16:45	Strauss 2-3	Early Career 1	#JT32	Experimental Comparison and Survey of Twelve Time Series Anomaly Detection Algorithms (Extended Abstract)	Cynthia Freeman, Jonathan Merriman, Ian Beaver, Abdullah Mueen
			#4715	Summary Markov Models for Event Sequences	Debarun Bhattacharjya, Saurabh Sihag, Oklie Hassanzadeh, Liza Blalik
			#7782	Hidden 1-Counter Markov Models and How to Learn Them	Mehmet Kurucan, Mete Özbaltan, Sven Schewe, Dominik Wojtczak
			#EC2	Irrational, but Adaptive and Goal Oriented: Humans Interacting with Autonomous Agents	Amos Azaria
			#EC8	Analyzing and Designing Strategic Environments in Social Domains	Hau Chan
15:30-17:00	Lehar 1	[Data Mining] Data Mining and Machine Learning	#EC12	Towards Reliable and Inclusive Natural Language Processing	Kai-Wei Chang
			#EC7	Controllable Text Generation for Open-Domain Creativity and Fairness	Nanyun (Violet) Peng
			#EC6	Integrating Machine Learning and Optimization to Boost Decision Making	Ferdinando Fioretto
			#4579	Robust High-Dimensional Classification From Few Positive Examples	Deepayan Chakrabarti, Benjamin Fauber
			#7670	COMET Flows: Towards Generative Modeling of Multivariate Extremes and Tail Dependence	Andrew McDonald, Pang-Ning Tan, Lifeng Luo
15:30-17:15	Stolz 2	A4Good2	#1379	Feature and Instance Joint Selection: A Reinforcement Learning Perspective	Wei Fan, Kungpeng Liu, Hao Liu, Hengshu Zhu, Hui Xiong, Yanjie Fu
			#6060	End-to-End Open-Set Semi-Supervised Node Classification with Out-of-Distribution Detection	Tiancheng Huang, Donglin Wang, Yuan Fang, Zhengyu Chen
			#1348	Triformer: Triangular, Variable-Specific Attentions for Long Sequence Multivariate Time Series Forecasting	Razvan-Gabriel Cristea, Cherjuan Guo, Bin Yang, Tung Kieu, Xuanyi Dong, Shirui Pan
			#SV230	Text Transformations in Contrastive Self-Supervised Learning: A Review	Amrita Bhattacharjee, Mansoorah Karami, Huan Liu
			#A4G58	A norm optimisation approach to SDGs: tackling poverty by acting on discrimination	Georgina Curto, Nieves Montes, Carlos Sierra, Nardine Osman, Flavio Comim
15:30-17:15	Stolz 2	A4Good2	#A4G9	Creating Dynamic Checklists via Bayesian Case-Based Reasoning: Towards Decent Working Conditions for All	Erik Lund, Flogard, Ole Jakob Mengshoel, Kerstin Bach
			#A4G88	Ownership Concentration and Wealth Inequality in Russia	Kiril Polovnikov, Nikita Pospelov, Omidiy Skougarskiy
			#A4G123	Forecasting the Number of Tenants At-Risk of Formal Eviction: A Machine Learning Approach to Inform Public Policy	Maryam Tabar, Wooyoung Jung, Amulya Yadav, Owen Wilson Chavez, Ashley Flores, Dongwon Lee
			#A4G129	Gigs with Guarantees: Achieving Fair Wage for Food Delivery Workers	Ashish Nair, Rahul Yadav, Anjali Gupta, Abhinjan Chakraborty, Sayan Ranu, Amilathha Bagchi
			#A4G23	Ranked Prioritization of Groups in Combinatorial Bandit Allocation	Lily Xu, Arpita Biswas, Fei Fang, Milind Tambe

15:30-17:00	Strauss 1	[Machine Learning] 2f3	#232	To Trust or Not To Trust Prediction Scores for Membership Inference Attacks	Dominik Hintersdorf, Lukas Struppek, Kristian Kersting			
			#S110	Measuring Data Leakage in Machine-Learning Models with Fisher Information (Extended Abstract)	Awni Hannun, Chuan Guo, Laurens van der Maaten			
			#5967	Improved Pure Exploration in Linear Bandits with No-Regret Learning	Mohammadi Zaki, Avi Mohan, Aditya Gopalan			
			#2117	Multi-Armed Bandit Problem with Temporally-Partitioned Rewards: When Partial Feedback Counts	Giulia Romano, Andrea Agostini, Francesco Trovò, Nicola Gatti, Marcello Restelli			
			#SV59	Abstraction for Deep Reinforcement Learning	Murray Shanahan, Melanie Mitchell			
			#7710	Heterogeneous Ensemble Knowledge Transfer for Training Large Models in Federated Learning	Yae Jee Cho, Andre Manoel, Gauri Joshi, Robert Sim, Dimitrios Dimitriadis			
			#418	EGCN: An Ensemble-based Learning Framework for Exploring Effective Skeleton-based Rehabilitation Exercise Assessment	Bruce X.B. Yu, Yan Liu, Xiang Zhang, Gong Chen, Keith C.C. Chan			
			#2703	Modeling Spatio-temporal Neighbourhood for Personalized Point-of-interest Recommendation	Xiaolin Wang, Guohao Sun, Xiu Fang, Jian Yang, Shoujin Wang			
			#79	One Weird Trick to Improve Your Semi-Weakly Supervised Semantic Segmentation Model	Wonho Bae, Junhyug Noh, Milad Jalali Asadabadi, Danica J. Sutherland			
			#DM26	AutoVideo: An Automated Video Action Recognition System	Daochen Zha, Zaid Pervaiz Bhat, Yi-Wei Chen, Yicheng Wang, Sirui Ding, Jaben Chen, Kwei-Heng Lai, Mohammad Qazim Bhat, Anmol Kumar Jan, Alfredo Costilla Reyes, Na Zou, Xia Hu			
15:30-17:00	Lehar 2	[Agent-based and Multi-agent Systems] Algorithmic Game Theory	#5344	Het2Hom: Representation of Heterogeneous Attributes into Homogeneous Concept Spaces for Categorical-and-Numerical-Attribute Data Clustering	Yiqun Zhang, Yiu-ming Cheung, An Zeng			
			#4362	Locally Normalized Soft Contrastive Clustering for Compact Clusters	Xin Ma, Won Hwa Kim			
			#4358	Forgiving Debt in Financial Network Games	Panagiotis Kanellopoulos, Maria Kyropoulou, Hao Zhou			
			#7379	General Opinion Formation Games with Social Group Membership	Vittorio Bilò, Diodato Ferraioli, Cosimo Vinci			
			#4294	Picking the Right Winner: Why Tie-Breaking in Crowdsourcing Contests Matters	Coral Haggag, Sigal Oren, Ella Segev			
			#5756	Tolerance is Necessary for Stability: Single-Peaked Swap Schelling Games	Davide Bilò, Vittorio Bilò, Pascal Lenzen, Louise Molitor			
			#6262	Fair, Individually Rational and Cheap Adjustment	Gleb Polevoy, Marcin Dziubiński			
			#6345	Network Creation with Homophilic Agents	Martin Bullinger, Pascal Lenzen, Anna Melnichenko			
			#5310	On the Complexity of Calculating Approval-Based Winners in Candidates-Embedded Metrics	Yongjie Yang			
			#5495	Maxmin Participatory Budgeting	Gogulapati Sreedurga, Mayank Ratan Bhardwaj, Yadati Narahari			
15:30-17:00	Stolz 1	[AI Ethics, Trust, Fairness] Explainability and Interpretability	#1356	Parameterized Algorithms for Kidney Exchange	Arnab Maity, Palash Dey			
			#4506	Robust Solutions for Multi-Defender Stackelberg Security Games	Dolev Mutzari, Yonatan Aumann, Sarit Kraus			
			#5912	Fair Equilibria in Sponsored Search Auctions: The Advertisers' Perspective	Georgios Bimpas, Andrea Celli, Riccardo Colini-Baldeschi, Stefano Leonardi			
			#1823	Axiomatic Foundations of Explainability	Lela Amgoud, Jonathan Ben-Naim			
			#2715	BayCon: Model-agnostic Bayesian Counterfactual Generator	Piotr Romaschov, Martin Gjoreski, Kacper Sokol, Maria Vanina Martinez, Marc Langheintrich			
			#2757	What Does My GNN Really Capture? On Exploring Internal GNN Representations	Luca Veyrin-Forrer, Ataollah Kamal, Stefan Dulfner, Marc Plantevit, Céline Robardet			
			#JT5	Why Bad Coffee? Explaining BDI Agent Behaviour with Valuations (Extended Abstract)	Michael Winikoff, Galina Sidorenko, Virginia Dignum, Frank Dignum			
			#DM65	ExplainIt: A Tool for Computing Robust Attributions of DNNs	Sumit Jha, Alvaro Velasquez, Rickard Ewetz, Laura Pullum, Susmit Jha			
			#2232	On the Computational Complexity of Model Reconciliations	Sarath Sreedharan, Pascal Bercher, Subbarao Kambhampati			
			#6182	Temporality Spatialization: A Scalable and Faithful Time-Travelling Visualization for Deep Classifier Training	Xianglin Yang, Yun Lin, Ruolan Liu, Jin Song Dong			
16:00-19:00	Hall B: Booth IJCAI-1/2	[Knowledge Representation and Reasoning] Non-monotonic Reasoning	#7532	Not a Number: Identifying Instance Features for Capability-Oriented Evaluation	Ryan Burnell, John Burden, Daraja Rutar, Konstantinos Voudouris, Lucy Cheke, José Hernández-Orallo			
			#7561	Self-supervised Semantic Segmentation Grounded in Visual Concepts	Wenbin He, William Surmeier, Arvind Kumar Shekar, Liang Gou, Liu Ren			
			#JT35	On Quantifying Literals in Boolean Logic and its Applications to Explainable AI (Extended Abstract)	Adnan Darwiche, Pierre Marquis			
			#DM13	The Good, the Bad, and the Explainer: A Tool for Contrastive Explanations of Text Classifiers	Lorenzo Malandri, Fabio Mercurio, Mario Mezzanzanica, Navid Nobari, Andrea Seveso			
			#5216	Libra-CAM: An Activation-Based Attribution Based on the Linear Approximation of Deep Neural Nets and Threshold Calibration	Sangkyun Lee, Sungmin Han			
			#5991	Learning by Interpreting	Xuting Tang, Abdul Rafae Khan, Shusen Wang, Jia Xu			
			Robot Exhibition					
			Demos					
			16:15-17:00	Lehar 3	[Knowledge Representation and Reasoning] Non-monotonic Reasoning	#2688	Annotated Sequent Calculi for Paraconsistent Reasoning and Their Relations to Logical Argumentation	Ofer Arieli, Kees van Berkel, Christian Straßer
						#5852	Lexicographic Entailment, Syntax Splitting and the Drowning Problem	Jesse Heyninck, Gabriele Kern-Isbemer, Thomas Meyer
#6310	Revision by Comparison for Ranking Functions	Meliha Sezgin, Gabriele Kern-Isbemer						
#1851	Considering Constraint Monotonicity and Foundedness in Answer Set Programming	Yi-Dong Shen, Thomas Eiter						
#4469	Conditional Independence for Iterated Belief Revision	Gabriele Kern-Isbemer, Jesse Heyninck, Christoph Beierle						
17:00-19:00	Exhibition / Hall B		#7714	Plausibility Reasoning via Projected Answer Set Counting - A Hybrid Approach	Johannes K. Fichte, Markus Hecher, Mohamed A. Nadeem			
			Poster Session 1					

WEDNESDAY, July 27th

09:00-10:00	Strauss 2-3		Invited Talk Jérôme Lang		
09:00-17:00	Schubert 3		Industry Day		
09:00-16:00	Hall B: Booth IJCAI-1/2		Robot Exhibition		
09:00-12:30	Schubert 1		Competition		
10:00-10:50	Lehar 2	[Constraint Satisfaction and Optimization] Satisfiability	#2191 QCDCI with Cube Learning or Pure Literal Elimination - What is Best? Benjamin Böhm, Tomáš Peřil, Olaf Beyersdorff		
			#5320 Fine-grained Complexity of Partial Minimum Satisfiability Ivan Bliznets, Danil Sagunov, Kirill Simonov		
			#5669 Large Neighbourhood Search for Anytime MaxSAT Solving Randy Hickey, Fahiem Bacchus		
			#2213 DPSampler: Exact Weighted Sampling Using Dynamic Programming Jeffrey M. Dudek, Aditya A. Shrotri, Moshe Y. Vardi		
			#7610 Inverting 43-step MD4 via Cube-and-Conquer Oleg Zakin		
10:00-10:50	Stolz 1	[Multidisciplinary Topics and Applications]	#6057 Neuro-Symbolic Verification of Deep Neural Networks Xuan Xie, Kristian Kersting, Daniel Neider		
			#7518 Combining Constraint Solving and Bayesian Techniques for System Optimization Franz Brauße, Zurab Khasidashvili, Konstantin Korovin		
			#1519 Membership Inference via Backdooring Hongsheng Hu, Zoran Saličić, Gillian Dobbie, Jinjun Chen, Lichao Sun, Xuyun Zhang		
			#4282 FOGS: First-Order Gradient Supervision with Learning-based Graph for Traffic Flow Forecasting Xuan Rao, Hao Wang, Liang Zhang, Jing Li, Shuo Shang, Peng Han		
			#5633 A Polynomial-time Decentralised Algorithm for Coordinated Management of Multiple Intersections Tatsuya Iwase, Sebastian Stein, Enrico H. Gerding, Archie Chapman		
10:00-10:50	Strauss 1	[Machine Learning] Adversarial Machine Learning	#5648 Private Stochastic Convex Optimization and Sparse Learning with Heavy-tailed Data Revisited Youming Tao, Yulian Wu, Xiuzhen Cheng, Di Wang		
			#7502 Placing Green Bridges Optimally, with Habitats Inducing Cycles Maike Herkenrath, Til Fluschnik, Francesco Grothe, Leon Kellerhals		
			#5125 ProtoAI: Model-Informed Prototyping for AI-Powered Interfaces (Extended Abstract) Hariharan Subramonyam, Colleen Seifert, Eytan Adar		
			#394 Online Evasion Attacks on Recurrent Models: The Power of Hallucinating the Future Byunggil Joe, Insk Shin, Jihun Hamm		
			#5222 Game Redesign in No-regret Game Playing Yuzhe Ma, Young Wu, Xiaojin Zhu		
10:00-10:50	Strauss 2-3	[Data Mining] ½	#4273 Sample Complexity Bounds for Robustly Learning Decision Lists against Evasion Attacks Pascale Gourdeau, Varun Kanade, Marta Kwiatkowska, James Worrell		
			#4608 Logically Consistent Adversarial Attacks for Soft Theorem Provers Alexander Gaskell, Yishu Miao, Francesca Toni, Lucia Specia		
			#4467 On Attacking Out-Domain Uncertainty Estimation in Deep Neural Networks Huimin Zeng, Zhennu Yue, Yang Zhang, Ziyi Kou, Lanyu Shang, Dong Wang		
			#4551 Adversarial Explanations for Knowledge Graph Embeddings Patrick Betz, Christian Mellicke, Heiner Stuckenschmidt		
			EurAI Dissertation Award		
10:00-10:50	Lehar 4	[Data Mining] ½	#68 Towards Resolving Propensity Contradiction in Offline Recommender Learning Yuta Saito, Masahiro Nomura		
			#4277 Interactive Information Extraction by Semantic Information Graph Siqi Fan, Yejuan Wang, Jing Li, Zheng Zhang, Shuo Shang, Peng Han		
			#4564 MLP4Rec: A Pure MLP Architecture for Sequential Recommendations Muyang Li, Xiangyu Zhao, Chuan Lyu, Minghao Zhao, Runze Wu, Ruocheng Guo		
			#273 Non-Euclidean Self-Organizing Maps Dorota Celińska-Kopczyńska, Eryk Kopczyński		
			#849 HashWalk: Hash and Random Walk Based Anomaly Detection in Hyperedge Streams Geon Lee, Miryoung Choe, Kijung Shin		
10:00-10:35	Stolz 2	AI4Good3	#AI4G140 Argo: Towards Small Vessel Detection for Humanitarian Purposes Elisabeth Moser, Selina Meyer, Maximilian Schmidhuber, Daniel Ketterer, Matthias Eberhardt		
			#AI4G168 Climate Bot: A Machine Reading Comprehension System for Climate Change Question Answering Md Rashad Al Hasan Rony, Ying Zuo, Liubov Kovrigina, Roman Teucher, Jens Lehmann		
			#AI4G40 CounterGeDi: A Controllable Approach to Generate Politic, Detoxified and Emotional Counterspeech Purnyajoy Saha, Kanishk Singh, Adarsh Kumar, Binny Mathew, Animesh Mukherjee		
			#AI4G107 Forecasting Patient Outcomes in Kidney Exchange Naveen Durvasula, Aravind Srinivasan, John Dickerson		
			#JT49 Abstraction in Data-Sparse Task Transfer (Extended Abstract) Tesca Fitzgerald, Ashok Goel, Andrea Thomaz		
10:00-10:50	Lehar 3	[Knowledge Representation and Reasoning] 1/2	#JT17 Learning Realistic Patterns from Visually Unrealistic Stimuli: Generalization and Data Anonymization (Extended Abstract) Konstantinos Nikolaidis, Stein Kristiansen, Thomas Plagemann, Vera Goebel, Knut Liestøl, Mohan Kankarhalli, Gunn-Marit Traaen, Britt Øverland, Harriet Akre, Lars Akeroy, Sigurd Steinshamm		
			#1235 Personalized Federated Learning With a Graph Fengwen Chen, Guodong Long, Zonghan Wu, Tianyi Zhou, Jing Jiang		
			#5762 On the Complexity of Enumerating Prime Implicants from Decision-DNNF Circuits Alexis de Colnet, Pierre Marquis		
			Coffee break		
			#4139 Taking Situation-Based Privacy Decisions: Privacy Assistants Working with Humans Nadin Kökcüyan, Pinar Yolum		
11:15-12:30	Stolz 1	[AI Ethics, Trust, Fairness] Trustworthy AI	#5242 Model Stealing Defense against Exploiting Information Leak through the Interpretation of Deep Neural Nets Jeonghyun Lee, Sungmin Han, Sangkyun Lee		
			#7669 Detecting out-of-context objects using graph contextual reasoning network Manoj Acharya, Anirban Roy, Kaushik Koneripalli, Susmit Jha, Christopher Kanan, Ajay Divakaran		
			#7787 Learn to Reverse DNNs from AI Programs Automatically Simin Chen, Hamed Khanpour, Cong Lu, Wei Yang		
			#1296 CADET: Calibrated Anomaly Detection for Mitigating Hardness Bias Ailin Deng, Adam Goodge, Lang Yi Ang, Bryan Hooi		
			#1674 Towards Adversarially Robust Deep Image Denoising Hanshu Yan, Jingfeng Zhang, Jiashi Feng, Masashi Sugiyama, Vincent Y. F. Tan		
11:15-12:30	Strauss 1	[Machine Learning] Representation learning	#JT29 Local and Global Explanations of Agent Behavior: Integrating Strategy Summaries with Saliency Maps (Extended Abstract) Tobias Huber, Katharina Weitz, Elisabeth André, Olra Amir		
			#JT10 Confronting Abusive Language Online: A Survey from the Ethical and Human Rights Perspective (Extended Abstract) Svetlana Kiritchenko, Isar Nejadgholi, Kathleen Fraser		
			#7774 Composing Neural Learning and Symbolic Reasoning with an Application to Visual Discrimination Adithya Murali, Athava Sehgal, Paul Kroegmeier, P. Madhusudan		
			#4671 Adversarial Bi-Regressor Network for Domain Adaptive Regression Haifeng Xia, Pu Wang, Toshiaki Koike-Akino, Ye Wang, Philip Orlík, Zhengming Ding		
			#778 Learning Label Initialization for Time-Dependent Harmonic Extension. Amitoz Azad		
11:15-12:30	Stolz 2	AI4Good4	#670 Positive-Unlabeled Learning with Adversarial Data Augmentation for Knowledge Graph Completion Zhenwei Tang, Shichao Pei, Zhao Zhang, Yongchun Zhu, Fuzhen Zhuang, Robert Hoehndorf, Xiangliang Zhang		
			#903 Geometric Transformer for End-to-End Molecule Properties Prediction Yoni Choukroun, Lior Wolf		
			#4484 Recipe2Vec: Multi-modal Recipe Representation Learning with Graph Neural Networks Yijun Tian, Chuxu Zhang, Zhichun Guo, Yihong Ma, Ronald Metoyer, Nitesh V. Chawla		
			#6081 MEIM: Multi-partition Embedding Interaction Beyond Block Term Format for Efficient and Expressive Link Prediction Hung-Nghiep Tran, Atsuhiko Takasu		
			#7811 Towards Robust Unsupervised Disentanglement of Sequential Data — A Case Study Using Music Audio Yin-Yun Luo, Sebastian Ewert, Simon Dixon		
11:15-12:30	Lehar 2	[Agent-based and Multi-agent Systems]	#4331 Learning Meta Word Embeddings by Unsupervised Weighted Concatenation of Source Embeddings Danushka Bollegala		
			#1532 Stabilizing and Enhancing Link Prediction through Deepened Graph Auto-Encoders Xinxing Wu, Qiang Cheng		
			#4423 Escaping Feature Twist: A Variational Graph Auto-Encoder for Node Clustering Nairouz Mrabah, Mohamed Bouguessa, Riadh Ksantini		
			#4886 PlaceNet: Neural Spatial Representation Learning with Multimodal Attention Chung-Yeon Lee, Youngjae Yoo, Byoung-Tak Zhang		
			#AI4G104 Monitoring Vegetation From Space at Extremely Fine Resolutions via Coarsely-Supervised Smooth U-Net Joshua Fan, Di Chen, Jianming Wen, Ying Sun, Carla Gomes		
11:15-12:30	Lehar 2	[Agent-based and Multi-agent Systems]	#AI4G30 Dynamic Structure Learning through Graph Neural Network for Forecasting Soil Moisture in Precision Agriculture Anoushka Vyas, Sambaran Bandyopadhyay		
			#AI4G176 A Reliability-aware Distributed Framework to Schedule Residential Charging of Electric Vehicles Rounak Meyar, Swapna Thorve, Madhav Marathe, Anil Vullikanti, Samarth Swarup, Heming Morvett		
			#AI4G85 AI Facilitated Isolations? The Impact of Recommendation-based Influence Diffusion in Human Society Yuxuan Hu, Shiqing Wu, Chenting Jiang, Weihua Li, Quan Bai, Erin Roehrer		
			#AI4G148 Am I No Good? Towards Detecting Perceived Burdensomeness and Thwarted Belongingness from Suicide Notes Soumitra Ghosh, Asif Ekbal, Puspapak Bhattacharyya		
			#AI4G61 Quantifying Health Inequalities Induced by Data and AI Models Honghan Wu, Aneeta Sylopyavan, Minhong Wang, Sarah Wild		
11:15-12:30	Lehar 2	[Agent-based and Multi-agent Systems]	#7516 Light Agents Searching for Hot Information Dariusz R. Kowalski, Dominik Pajak		
			#4470 Multi-Agent Intention Progression with Reward Machines Michael Dann, Yuan Yao, Natasha Alechina, Brian Logan, John Thangarajah		
			#7666 Real-Time BDI Agents: A Model and Its Implementation Andrea Traldi, Francesco Bruschetti, Marco Robol, Marco Roveri, Paolo Giorgini		
			#7423 I Will Have Order! Optimizing Orders for Fair Reviewer Assignment Justin Payan, Yair Zick		
			#927 An Analysis of the Linear Bilateral ANAC Domains Using the MICRO Benchmark Strategy Dave De Jonge		
11:15-12:30	Lehar 2	[Agent-based and Multi-agent Systems]	#4003 Max-Sum with Quadrees for Decentralized Coordination in Continuous Domains Dimitrios Troullos, Georgios Chalkiadakis, Vasilis Samoladas, Markos Papageorgiou		
			#4312 Correlation-Based Algorithm for Team-Maximin Equilibrium in Multiplayer Extensive-Form Games Youzhi Zhang, Bo An, V. S. Subrahmanian		
			#4231 Evolutionary Approach to Security Games with Signaling Adam Zychowski, Jacek Mařidziuk, Elizabeth Bondi, Aravind Venugopal, Milind Tambe, Balaraman Ravindran		
			#5964 Automated Synthesis of Mechanisms Muryque Mittelmann, Bastien Maubert, Aniello Murano, Laurent Pemussel		

11:15-12:30	Lehar 3	[Knowledge Representation and Reasoning] Reasoning about Knowledge and Belief	#26	In Data We Trust: The Logic of Trust-Based Beliefs	Junli Jiang, Pavel Naumov
			#6234	Epistemic Logic of Likelihood and Belief	James P. Delgrande, Joshua Sack, Gerhard Lakemeyer, Maurice Pagnucco
			#24	The Egocentric Logic of Preferences	Junli Jiang, Pavel Naumov
			#2216	Type-aware Embeddings for Multi-Hop Reasoning over Knowledge Graphs	Zhiwei Hu, Victor Gutierrez Basulto, Zhiqiang Xiang, Xiaoli Li, Ru Li, Jeff Z. Pan
			#5671	Updating Probability Intervals with Uncertain Inputs	Karim Tabia
			#8086	Propositional Gossip Protocols under Fair Schedulers	Joseph Livesey, Dominik Wojtczak
			#5493	Intelligence in Strategic Games (Extended Abstract)	Pavel Naumov, Yuan Yuan
			#5822	On Verifying Expectations and Observations of Intelligent Agents	Yichong Xu, Chenguang Zhu, Shuohang Wang, Siq Sun, Hao Cheng, Xiaodong Liu, Jianfeng Gao, Pengcheng He, Michael Zeng, Xuedong Huang
11:15-12:30	Strauss 2-3			Panel AI Made in Europe	
12:30-14:00				Lunch break	
14:00-15:00	Strauss 2-3			Invited Talk Sumit Gulwani	
14:00-17:30	Schubert 1			Competition	
15:00-15:30				Coffee break	
15:30-16:30	Lehar 2	[Agent-based and Multi-agent Systems] Human-Agent Interaction	#5113	Toward Policy Explanations for Multi-Agent Reinforcement Learning	Kayla Boggess, Sarit Kraus, Lu Feng
			#S120	Logic Rules Meet Deep Learning: A Novel Approach for Ship Type Classification (Extended Abstract)	Manolis Pitsikalis, Thanh-Toan Do, Alexei Lisitsa, Shan Luo
			#S121	Detect, Understand, Act: A Neuro-Symbolic Hierarchical Reinforcement Learning Framework (Extended Abstract)	Ludovico Mitchener, David Tuckey, Matthew Crosby, Alessandra Russo
			#S122	Complex Query Answering with Neural Link Predictors (Extended Abstract)	Pasquale Minervini, Erik Arakelyan, Daniel Daza, Michael Cochez
			#5768	Shared Autonomy Systems with Stochastic Operator Models	Clarissa Costen, Marc Rigter, Bruno Lacerda, Nick Hawes
			#S12	Including Signed Languages in Natural Language Processing (Extended Abstract)	Kayo Yin, Malhe Alkhami
			#5021	Domain-Adaptive Text Classification with Structured Knowledge from Unlabeled Data	Tian Li, Xiang Chen, Zhen Dong, Kurt Keutzer, Shanghang Zhang
15:30-16:30	Lehar 4	[Natural Language Processing] 1/2	#1056	Training Naturalized Semantic Parsers with Very Little Data	Subendhu Rongali, Konstantine Arkoudas, Melanie Rubino, Wael Hamza
			#1078	BIFSMN: Binary Neural Network for Keyword Spotting	Haolong Qin, Xudong Ma, Yifu Ding, Xiaoyang Li, Yang Zhang, Yao Tian, Zejun Ma, Jie Luo, Xianglong Lu
			#2271	None Class Ranking Loss for Document-Level Relation Extraction	Yang Zhou, Wee Sun Lee
			#2679	FastRE: Towards Fast Relation Extraction with Convolutional Encoder and Improved Cascade Binary Tagging Framework	Guozheng Li, Xu Chen, Peng Wang, Jiafeng Xie, Qiqing Luo
			#SV169	A Survey on Word Meta-Embedding Learning	Danushka Bollegala, James O' Neill
			#4066	Improving Few-Shot Text-to-SQL with Meta Self-Training via Column Specificity	Xinnan Guo, Yongrui Chen, Guilin Qi, Tianxing Wu, Hao Xu
			#4060	Learning and Exploiting Progress States in Greedy Best-First Search	Patrick Ferber, Liat Cohen, Jendrik Seipp, Thomas Keller
15:30-16:30	Lehar 1	[Search] Heuristic Search	#5517	Efficient Budgeted Graph Search	Jasmeet Kaur, Nathan Sturtevant
			#7391	Real-Time Heuristic Search with LTL Goals	Jaime Middleton, Rodrigo Toro Icarte, Jorge Baier
			#4642	Learning Curricula for Humans: An Empirical Study with Puzzles from The Witness	Levi H.S. Lelis, João G.G.V. Nova, Eugene Chen, Nathan Sturtevant, Carrie Demmans Epp, Michael Bowling
			#4589	PG3: Policy-Guided Planning for Generalized Policy Generation	Ryan Yang, Tom Silver, Aidan Curtis, Tomas Lozano-Perez, Leslie Kaelbling
			#6143	Reinforcement Learning for Cross-Domain Hyper-Heuristics	Florian Mischek, Nysret Musliu
			#7441	An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration	Emmanuel Hebrard, Christian Arlrigues, Pierre Lopez, Arnaud Lussion, Steve Chien, Adrien Maillard, Gregg Rabideau
15:30-16:30	Lehar 3	[Planning and Scheduling]	#2486	Tight Bounds for Hybrid Planning	Pascal Bercher, Songtuan Lin, Ron Alford
			#6221	Explaining the Behaviour of Hybrid Systems with PDDL+ Planning	Diego Aineto, Eva Onaindia, Miquel Ramirez, Enrico Scala, Ivan Serina
			#7463	Scheduling with Untrusted Predictions	Evrpidis Bampis, Konstantinos Dogeas, Alexander Kononov, Giorgio Lucarelli, Fanny Pascual
			#S19	Scalable Anytime Planning for Multi-Agent MDPs (Extended Abstract)	Shushman Choudhury, Jayesh K. Gupta, Mykel J. Kochenderfer
			#361	Time-Constrained Participatory Budgeting Under Uncertain Project Costs	Dorothea Baumeister, Linus Boes, Christian Lauffmann
			#S111	Computing Programs for Generalized Planning as Heuristic Search (Extended Abstract)	Javier Segovia-Aguas, Sergio Jiménez Celorrio, Anders Jonsson
15:30-16:30	Strauss 2-3				
15:30-16:15	Strauss 1	[Machine Learning] Optimisation	#S115	The Min-Max Complexity of Distributed Stochastic Convex Optimization with Intermittent Communication (Extended Abstract)	Blake Woodworth, Brian Bullins, Ohad Shamir, Nathan Srebro
			#S117	Unbiased Gradient Estimation in Unrolled Computation Graphs with Persistent Evolution Strategies (Extended Abstract)	Paul Vicol, Luke Metz, Jascha Sohl-Dickstein
			#4673	Online Bin Packing with Predictions	Spyros Angelopoulos, Shahin Kamali, Kimia Shadmami
			#3927	Estimation and Comparison of Linear Regions for ReLU Networks	Yuan Wang
16:00-18:00	Hall B: Booth IJCAI-1/2			Robot Exhibition	
19:00-23:00	Orangerie, Schönbrunn Palace			Gala dinner	
20:00-23:55	Mensa, Vienna University of Econ			Student Reception	

THURSDAY, July 28th

09:00-16:00	Hall B: Booth UCAI-1/2		Robot Exhibition	
09:00-12:30	Schubert 1		Competition	
09:00-10:00	Strauss 2-3		Invited Talk Judea Pearl	
10:00-10:50	Lehar 2	[Agent-based and Multi-agent Systems] Computational Social Choice 2/4	#4709 Strategyproof Mechanisms for Group-Fair Facility Location Problems #724 Achieving Envy-Freeness with Limited Subsidies under Dichotomous Valuations #989 Multiwinner Elections under Minimax Chamberlin-Courant Rule in Euclidean Space #4574 Understanding Distance Measures Among Elections #4594 Distortion in Voting with Top-t Preferences #5607 Parameterized Complexity of Hotelling-Downs with Party Nominees #4559 Online Approval Committee Elections #4400 Incentives in Social Decision Schemes with Pairwise Comparison Preferences	Houyu Zhou, Mingming Li, Hau Chan Siddharth Barman, Anand Krishna, Yadati Narahari, Soumyarup Sadhukhan Chinmay Sonar, Subhash Suri, Jie Xue Nidas Boehmer, Piotr Fliszczyński, Rolf Niedermeier, Stanislaw Szufa, Tomasz Wąs Allan Borodin, Daniel Halpern, Mohamad Latifian, Nisarg Shah Argyrios Deligkas, Eduard Eiben, Tiger-Lily Goldsmith Virginie Do, Matthieu Hervouin, Jérôme Lang, Piotr Skowron Felix Brandt, Patrick Lederer, Warut Suksompong
			#4472 Linear Combinatorial Semi-Bandit with Causally Related Rewards #781 Ancestral Instrument Method for Causal Inference without Complete Knowledge #1317 Exchangeability-Aware Sum-Product Networks #7620 Robustness Guarantees for Credal Bayesian Networks via Constraint Relaxation over Probabilistic Circuits #SV240 Evidential Reasoning and Learning: a Survey #2328 Empirical Bayesian Approaches for Robust Constraint-based Causal Discovery under Insufficient Data	Behzad Nourani-Kolji, Saeed Ghoorchian, Setareh Maghsudi Debo Cheng, Jiuyong Li, Lin Liu, Jiji Zhang, Thuc Duy Le, Jixue Liu Stefan Lüdike, Christian Bartelt, Heiner Stuckenschmidt Hjalmar Wijk, Benjie Wang, Marta Kwiatkowska Federico Cerutti, Lance M. Kaplan, Murat Şensoy Zijun Cui, Naiyu Yin, Yuru Wang, Qiang Ji
			#AI4G137 Revealing the Excitation Causality between Climate and Political Violence via a Neural Forward-Intensity Poisson Process #AI4G34 DiRe Committee : Diversity and Representation Constraints in Multiwinner Elections #AI4G82 Interactive concept-map based summaries for SEND children	Schlyer C. Sun, Bailu Jin, Zhuangkun Wei, Weisi Guo Kunal Relia Martina Galletti, Michael Anslow, Francesca Bianchi, Manuela Calanca, Donatella Tomaulli, Remi Van Trijp, Diletta Vedovelli, Eleonora Pasqua
			#3910 Learning Higher-Order Logic Programs From Failures #5893 Search Space Expansion for Efficient Incremental Inductive Logic Programming from Streamed Data #1608 Augmenting Knowledge Graphs for Better Link Prediction #5158 LTL on Weighted Finite Traces: Formal Foundations and Algorithms #JT33 Making Sense of Raw Input (Extended Abstract)	Stanislaw J. Purgal, David M. Cerna, Cezary Kaliszczak Mark Law, Krysia Broda, Alessandra Russo Jiang Wang, Filip Ilievski, Pedro Szekely, Ke-Thia Yao Carmine Dodaro, Valeria Flonda, Gianluigi Greco Richard Evans
			#5119 Monolith to Microservices: Representing Application Software through Heterogeneous Graph Neural Network #5437 Cumulative Stay-time Representation for Electronic Health Records in Medical Event Time Prediction #1925 SpanConv: A New Convolution via Spanning Kernel Space for Lightweight Pan-sharpening #7990 Harnessing Fourier Isosovists and Geodesic Interaction for Long-Term Crowd Flow Prediction #2469 RecipeRec: A Heterogeneous Graph Learning Model for Recipe Recommendation	Alex Mathai, Sambaran Bandyopadhyay, Utkarsh Desai, Srikanth Tamilselvam Takayuki Katsuki, Kohei Miyaguchi, Akira Koseki, Toshiya Iwamori, Ryosuke Yanagiya, Atsushi Suzuki Zhi-Xuan Chen, Cheng Jin, Tian-Jing Zhang, Xiao Wu, Liang-Jian Deng Samuel S. Sohn, Seonghyeon Moon, Honglu Zhou, Mihee Lee, Sejong Yoon, Vladimir Pavlovic, Mubbasir Kapadia Yijun Tian, Chuxu Zhang, Zhichun Guo, Chao Huang, Ronald Metoyer, Nitesh V. Chawla
10:00-10:50	Stolz 1	[Computer Vision] ½	#6258 Emotion-Controllable Generalized Talking Face Generation #42 MotionMixer: MLP-based 3D Human Body Pose Forecasting #191 Perceptual Learned Video Compression with Recurrent Conditional GAN #7745 Continual Semantic Segmentation Leveraging Image-level Labels and Rehearsal #72 SimMC: Simple Masked Contrastive Learning of Skeleton Representations for Unsupervised Person Re-Identification	Sanjana Sinha, Sandika Biswas, Ravindra Yadav, Brojeshwar Bhowmick Arij Bouazizi, Adrian Holzbock, Ulrich Kressel, Klaus Dietmayer, Vasileios Belagiannis Ren Yang, Radu Timofte, Luc Van Gool Mathieu Pagé Fortin, Brahim Chaib-draa Haocong Rao, Chunyan Miao
			#517 Learning Sparse Interpretable Features For NAS Scoring From Liver Biopsy Images #2190 A Unified Meta-Learning Framework for Dynamic Transfer Learning #4777 Federated Multi-Task Attention for Cross-Individual Human Activity Recognition #5420 Self-paced Supervision for Multi-source Domain Adaptation #4694 Residual Contrastive Learning for Image Reconstruction: Learning Transferable Representations from Noisy Images #1068 MemREIN: Rein the Domain Shift for Cross-Domain Few-Shot Learning #5304 Multi-policy Grounding and Ensemble Policy Learning for Transfer Learning with Dynamics Mismatch #1685 IMO*3: Interactive Multi-Objective Off-Policy Optimization	Chong Yin, Siqi Liu, Vincent Wai-Sun Wong, Peng C Yuen Jun Wu, Jingrui He Qiang Shen, Haotian Feng, Rui Song, Stefano Teso, Fausto Giunchiglia, Hao Xu Zengmao Wang, Chaoyang Zhou, Bo Du, Fengxiang He Nanqing Dong, Matteo Maggioni, Yongxin Yang, Eduardo Pérez-Pellitero, Ales Leonardis, Steven McDonagh Yi Xu, Lichen Wang, Yizhou Wang, Can Qin, Yulun Zhang, Yun Fu Hyun-Rok Lee, Ram Ananth Sreenivasan, Yeonjeong Jeong, Jongseong Jang, Dongsub Shim, Chi-Guhn Lee Nan Wang, Hongning Wang, Maryam Karimzadehgan, Branislav Kveton, Craig Boutilier
			10:50-11:15	
11:15-12:30	Lehar 4	[Machine Learning] 3/3	#SV86 A Survey on Gradient Inversion: Attacks, Defenses and Future Directions #SV109 Towards Verifiable Federated Learning #SV156 Neural Re-ranking in Multi-stage Recommender Systems: A Review #SV180 A Survey of Risk-Aware Multi-Armed Bandits #SV232 Predictive Coding: Towards a Future of Deep Learning beyond Backpropagation? #SV237 Survey on Efficient Training of Large Neural Networks	Rui Zhang, Song Guo, Junxiao Wang, Xin Xie, Dacheng Tao Yanci Zhang, Han Yu Weiwen Liu, Yunjia Xi, Jianqi Qin, Fei Sun, Bo Chen, Weinan Zhang, Rui Zhang, Ruiming Tang Vincent Y. F. Tan, Prashanth L.A., Krishna Jagannathan Beren Millidge, Tommaso Salvatori, Yuhang Song, Rafal Bogacz, Thomas Lukasiewicz Julia Gusak, Daria Cherniuk, Alena Shilova, Alexandr Katrutsa, Daniel Bershtatsky, Xunyi Zhao, Lionel Eyraud-Dubois, Oleh Shilazhko, Denis Dimitrov, Ivan Oseledets, Olivier Beaumont Grégoire Menguy, Sébastien Bardin, Nadjib Lazaar, Arnaud Gotlieb
			#928 Automated Program Analysis: Revisiting Precondition Inference through Constraint Acquisition #5933 Threshold-free Pattern Mining Meets Multi-Objective Optimization: Application to Association Rules #7524 On Preferred Abductive Explanations for Decision Trees and Random Forests #6180 A Unified Framework for Adversarial Attack and Defense in Constrained Feature Space #6199 Using Constraint Programming and Graph Representation Learning for Generating Interpretable Cloud Security Policies #JT8 sunny-as2: Enhancing SUNNY for Algorithm Selection (Extended Abstract) #4667 A Solver + Gradient Descent Training Algorithm for Deep Neural Networks	Charles Vermeray, Samir Loudni, Noureddine Arbi, Yahia Lebbah Gilles Audemard, Steve Bellart, Louenas Bounia, Frederic Koriche, Jean-Marie Lagniez, Pierre Marquis Thibault Simonetto, Salijona Dyrnishi, Salah Ghamizi, Maxime Cordy, Yves Le Traon Mikhail Kazdagli, Mohit Tiwari, Akshat Kumar Tong Liu, Roberto Amadini, Maurizio Gabrielli, Jacopo Mauro Dhananjay Ashok, Vineel Nagisetty, Christopher Srinivasa, Vijay Ganesh

11:15-12:30	Strauss 1	[Machine Learning] Deep Reinforcement Learning	#685	JueWu-MC: Playing Minecraft with Sample-efficient Hierarchical Reinforcement Learning	Zichuan Lin, Junyuo Li, Jianing Shi, Deheng Ye, Qiang Fu, Wei Yang
			#2048	Leveraging Class Abstraction for Commonsense Reinforcement Learning via Residual Policy Gradient Methods	Niklas Hopner, Iliara Tiddi, Herke van Hoof
			#1866	CCLF: A Contrastive-Curiosity-Driven Learning Framework for Sample-Efficient Reinforcement Learning	Chenyu Sun, Hangwei Qian, Chunyan Miao
			#2594	Robust Reinforcement Learning as a Stackelberg Game via Adaptively-Regularized Adversarial Training	Peide Huang, Mengdi Xu, Fei Fang, Ding Zhao
			#4529	Value Refinement Network (VRN)	Jan Wohlke, Felix Schmitt, Herke van Hoof
			#4621	Dynamic Sparse Training for Deep Reinforcement Learning	Ghada Sokar, Elena Mocanu, Decebal Constantin Mocanu, Mykola Pechenizkiy, Peter Stone
			#5525	Reinforcement Learning with Option Machines	Floris den Hengst, Vincent Francois-Lavet, Mark Hoogendoorn, Frank van Harmelen
11:15-12:30	Lehar 2	[Agent-based and Multi-agent Systems] Agent-Based Simulation and Emergence	#5492	Efficient Neural Neighborhood Search for Pickup and Delivery Problems	Yining Ma, Jingwen Li, Zhiguang Cao, Wen Song, Hongliang Guo, Yuejiao Gong, Yeow Meng Chee
			#6275	Search-Based Testing of Reinforcement Learning	Martin Tappier, Filip Cano Córdoba, Bernhard K. Aichernig, Bettina Könighofer
			#4543	Transparency, Detection and Imitation in Strategic Classification	Flavia Barsotti, Ruya Gokhan Kocer, Fernando P. Santos
			#7527	Socially Intelligent Genetic Agents for the Emergence of Explicit Norms	Rishabh Agrawal, Nirav Ajmeri, Munindar Singh
			#443	How Should We Vote? A Comparison of Voting Systems within Social Networks	Shiri Alouf-Heffetz, Ben Armstrong, Kate Larson, Nimrod Talmon
			#4599	Exploring the Benefits of Teams in Multiagent Learning	David Radke, Kate Larson, Tim Brecht
			#6145	Modelling the Dynamics of Multi-Agent Q-learning: The Stochastic Effects of Local Interaction and Incomplete Information	Chin-wing Leung, Shuyue Hu, Ho-fung Leung
11:15-12:30	Strauss 2-3		#3986	Biased Majority Opinion Dynamics: Exploiting Graph k-dominance	Hicham Lesfari, Frédéric Giroire, Stéphanie Pérennes
			#4604	Invasion Dynamics in the Biased Voter Process	Loke Durocher, Panagiotis Karras, Andreas Pavlogiannis, Josef Tkadlec
Panel Highly Refereed AI Conferences					
11:15-12:30	Lehar 1	AIARTS1	#AR46	Transformer: A Transformer Model of Traditional Music Transcriptions	Luca Casini, Bob L. T. Sturm
			#AR58	Deep Interactive Surface Creation from 3D Sketch Strokes	Sukanya Bhattacharjee, Parag Chaudhuri
			#AR69	Dataset Augmentation in Papyrology with Generative Models: A Study of Synthetic Ancient Greek Character Images	Matthew I. Swindal, Timothy Player, Ben Keener, Alex C. Williams, James H. Brusuelas, Federica Nicolardi, Marzia D'Angelo, Claudio Vergara, Michael McOsker, John F. Wallin
			#AR73	Automated Sifting of Stories from Simulated Storyworlds	Wilkins Leong, Julie Porteous, John Thangarajah
#AR70	Threshold Designer Adaptation: Improved Adaptation for Designers in Co-creative Systems	Emily Halina, Matthew Guzdial			
Lunch break					
14:00-17:30	Schubert 1	Competition			
14:00-15:00	Strauss 2-3	Invited Talk Mihaela van der Schaar			
Coffee break					
15:30-17:00	Lehar 1	AIARTS2	#AR78	StyleCLIPDraw: Coupling Content and Style in Text-to-Drawing Translation	Peter Schaldenbrand, Zhixuan Liu, Jean Oh
			#AR91	Art Creation with Multi-Conditional StyleGANs	Konstantin Dobler, Florian Hübscher, Jan Westphal, Alejandro Sierra-Múnera, Gerard de Melo, Ralf Krestel
			#AR54	Captioning Bosch: A Twitter Bot	Cornelia Ferner
			#AR22	Towards Creativity Characterization of Generative Models via Group-Based Subset Scanning	Celia Cintas, Payel Das, Brian Quanz, Girmaw Abebe Tadesse, Skyler Speakman, Pin-Yu Chen
			#AR3	Music-to-Dance Generation with Optimal Transport	Shuang Wu, Shijian Lu, Li Cheng
			#545	Boundary-Guided Camouflaged Object Detection	Yujia Sun, Shuo Wang, Chenglizhao Chen, Tian-Zhu Xiang
			#1309	Robustifying Vision Transformer without Retraining from Scratch by Test-Time Class-Conditional Feature Alignment	Takeishi Kojima, Yutaka Matsuo, Yusuke Iwasawa
15:30-17:15	Lehar 4	[Computer Vision] 2/2	#1601	Learning to Generate Image Source-Agnostic Universal Adversarial Perturbations	Pu Zhao, Parikshit Ram, Songtao Lu, Yuguang Yao, Djallel Bouneffouf, Xue Lin, Sijia Liu
			#2429	Augmenting Anchors by the Detector Itself	Xiaopei Wan, Guoqi Li, Yujui Yang, Zhenhua Guo
			#2690	Few-Shot Adaptation of Pre-Trained Networks for Domain Shift	Wenyu Zhang, Li Shen, Wanyue Zhang, Chuan-Sheng Foo
			#3916	CARD: Semi-supervised Semantic Segmentation via Class-agnostic Relation based Denoising	Xiaoyang Wang, Jimin Xiao, Bingfeng Zhang, Limin Yu
			#5872	What is Right for Me is Not Yet Right for You: A Dataset for Grounding Relative Directions via Multi-Task Learning	Jae Hee Lee, Matthias Kerzel, Kyra Ahrens, Cornelius Weber, Stefan Werntner
			#7910	Visual Emotion Representation Learning via Emotion-Aware Pre-training	Yue Zhang, Wanying Ding, Ran Xu, Xiaohua Hu
			#DM66	Real-Time Portrait Stylization on the Edge	Yanyu Li, Xuan Shen, Geng Yuan, Jieqiong Guan, Wei Niu, Hao Tang, Bin Ren, Yanzhi Wang
15:30-16:30	Strauss 2-3	Early Career 2	#SV18	Recent Advances on Neural Network Pruning at Initialization	Huan Wang, Can Qin, Yue Bai, Yulun Zhang, Yun Fu
			#SV25	Goal-Conditioned Reinforcement Learning: Problems and Solutions	Minghuan Liu, Menghui Zhu, Weinan Zhang
			#SV164	Vision-based Intention and Trajectory Prediction in Autonomous Vehicles: A Survey	Izzeddin Teeti, Salman Khan, Ajmal Shahbadi, Andrew Bradley, Fabio Cuzzolin
			#5256	Copy Motion From One to Another: Fake Motion Video Generation	Zhenguang Liu, Sifan Wu, Chejian Xu, Xiang Wang, Lei Zhu, Shuang Wu, Fuli Feng
			#EC1	Counting, Sampling, and Synthesis: The Quest for Scalability	Kuldeep S. Meel
			#EC3	Interaction and Expressivity in Collective Decision-Making	Umberto Grandi
			#EC13	Machine-Assisted Teaching for Open-Ended Problem Solving	Adish Singla
15:30-17:00	Stolz 2	[AI Ethics, Trust, Fairness]	#SJ3	Allocating Opportunities in a Dynamic Model of Intergenerational Mobility (Extended Abstract)	Hoda Heidari, Jon Kleinberg
			#SI12	Black-box Audit of YouTube's Video Recommendation: Investigation of Misinformation Filter Bubble Dynamics (Extended Abstract)	Matus Tomlein, Branislav Pecher, Jakub Simko, Ivan Srba, Robert Moro, Elena Stefanova, Michal Kompan, Andrea Hrckova, Juraj Podrouzek, Maria Bielekova
			#JT20	Measuring the Occupational Impact of AI: Tasks, Cognitive Abilities and AI Benchmarks (Extended Abstract)	Songül Tolan, Annarosa Pesole, Fernando Martínez-Plumed, Enrique Fernández-Macías, José Hernández-Orallo, Emilia Gómez
			#JT44	Ethics and Governance of Artificial Intelligence: A Survey of Machine Learning Researchers (Extended Abstract)	Baobao Zhang, Markus Anderjurg, Lauren Kahn, Noemi Dreksler, Michael C. Horowitz, Allan Dafoe
			#SV118	Fair Division of Indivisible Goods: A Survey	Georgios Amanatidis, Georgios Birmpas, Aris Filos-Ratsakis, Alexandros A. Voudouris
			#7740	Post-processing of Differentially Private Data: A Fairness Perspective	Keyu Zhu, Ferdinando Fioretto, Pascal Van Hentenryck
			#SV199	Data Valuation in Machine Learning: "Ingredients", Strategies, and Open Challenges	Rachael Hwee Ling Sim, Xinyi Xu, Bryan Kian Hsiang Low
15:30-17:15	Lehar 3	[Knowledge Representation and Reasoning] 2/2	#SV110	Differential Privacy and Fairness in Decisions and Learning Tasks: A Survey	Ferdinando Fioretto, Cuong Tran, Pascal Van Hentenryck, Keyu Zhu
			#1497	Counterfactual Interpolation Augmentation (CIA): A Unified Approach to Enhance Fairness and Explainability of DNN	Yao Qiang, Chengyin Li, Marco Brocanelli, Dongxiao Zhu
			#6249	Body-Decoupled Grounding via Solving: A Novel Approach on the ASP Bottleneck	Viktor Besin, Markus Hecher, Stefan Woltran
			#2087	Linear Temporal Logic Modulo Theories over Finite Traces	Luca Geatti, Alessandro Gianola, Nicola Gigante
			#5337	Causes of Effects: Learning Individual Responses from Population Data	Scott Mueller, Ang Li, Judea Pearl
			#7415	Explanations for Negative Query Answers under Inconsistency-Tolerant Semantics	Thomas Lukasiewicz, Enrico Malizia, Cristian Molinaro
			#JT13	Dimensional Inconsistency Measures and Postulates in Spatio-Temporal Databases (Extended Abstract)	John Grant, Maria Vanina Martinez, Cristian Molinaro, Francesco Parisi
15:30-17:15	Lehar 3	[Knowledge Representation and Reasoning] 2/2	#JT18	Abstraction for Non-Ground Answer Set Programs (Extended Abstract)	Zeynep G. Saribatur, Thomas Eiter, Peter Schüller
			#SV81	A Survey on Machine Learning Approaches for Modelling Intuitive Physics	Jiafei Duan, Arijit Dasgupta, Jason Fischer, Cheston Tan
			#SI6	Utilizing Treewidth for Quantitative Reasoning on Epistemic Logic Programs (Extended Abstract)	Viktor Besin, Markus Hecher, Stefan Woltran
			#5505	Simulating Sets in Answer Set Programming	Sarah Alice Gaggi, Philipp Hanisch, Markus Krötzsch
#SV150	Deep Learning Meets Software Engineering: A Survey on Pre-Trained Models of Source Code	Changan Niu, Chuanyi Li, Bin Luo, Vincent Ng			

15:30-17:00	Stolz 1	[Natural Language Processing] Applications NLPJA	#2250	Deexaggeration	Li Kong, Chuanyi Li, Vincent Ng
			#DM25	Knowledge-Based News Event Analysis and Forecasting Toolkit	Oktie Hassanzadeh, Parul Awasthy, Ken Barker, Onkar Bhardwaj, Debarun Bhattacharjya, Mark Febowitz, Lee Martie, Jian Ni, Kavitha Srinivas, Lucy Yip
			#123	MuDiAl: Improving Dialogue Disentanglement with Intent-Based Mutual Learning	Ziyou Jiang, Lin Shii, Celia Chen, Fangwen Mu, Yumin Zhang, Qing Wang
			#845	Robust Interpretable Text Classification against Spurious Correlations Using AND-rules with Negation	Rohan Kumar Yadav, Lei Jiao, Ole-Christoffer Granmo, Morten Goodwin
			#DM51	ACTA 2.0: A Modular Architecture for Multi-Layer Argumentative Analysis of Clinical Trials	Benjamin Molinet, Santiago Marro, Elena Cabrio, Serena Villata, Tobias Mayer
15:30-17:15	Strauss 1	[Machine Learning] Reinforcement Learning MLJRL1	#5067	Interpretable AMR-Based Question Decomposition for Multi-hop Question Answering	Zhenyun Deng, Yonghua Zhu, Yang Chen, Michael Witbrock, Patricia Riddle
			#1399	Option Transfer and SMDP Abstraction with Successor Features	Dongge Han, Sebastian Tschiatschek
			#4948	On the (In)Tractability of Reinforcement Learning for LTL Objectives	Cambridge Yang, Michael L. Littman, Michael Carbin
			#1452	Search-based Reinforcement Learning through Bandit Linear Optimization	Milan Peelman, Antoon Bronseleer, Guy De Tré
			#2126	Approximate Exploitability: Learning a Best Response	Finbarr Timbers, Nolan Bard, Edward Lockhart, Marc Lanctot, Martin Schmid, Neil Burch, Julian Schrittwieser, Thomas Hubert, Michael Bowling
			#2335	Self-Predictive Dynamics for Generalization of Vision-based Reinforcement Learning	Kyungsoo Kim, Jeongsoo Ha, Yusing Kim
			#2479	Relational Abstractions for Generalized Reinforcement Learning on Symbolic Problems	Rushang Karia, Siddharth Srivastava
			#DM36	Interactive Reinforcement Learning for Symbolic Regression from Multi-Format Human-Preference Feedbacks	Laure Crocheperre, Lydia Boudjeloud-Assala, Vincent Barbesant
			#S11	On the Expressivity of Markov Reward (Extended Abstract)	David Abel, Will Dabney, Anna Harutyunyan, Mark K. Ho, Michael L. Littman, Doina Precup, Satinder Singh
			#5111	Understanding the Limits of Poisoning Attacks in Episodic Reinforcement Learning	Anshuka Rangi, Haifeng Xu, Long Tran-Thanh, Massimo Franceschetti
			#4761	Exploring the Vulnerability of Deep Reinforcement Learning-based Emergency Control for Low Carbon Power Systems	Xu Wan, Lanting Zeng, Mingyang Sun
			#7701	Offline Vehicle Routing Problem with Online Bookings: A Novel Problem Formulation with Applications to Paratransit	Amutheezan Svagnanam, Salah Uddin Kadir, Ayan Mukhopadhyay, Philip Pugliese, Abhishek Dubey, Samitha Samaranyake, Aron Laszka
			#636	Fixed-Budget Best-Arm Identification in Structured Bandits	MohammadJavad Azizi, Branislav Kveton, Mohammad Ghavamzadeh
			#929	Monotone-Value Neural Networks: Exploiting Preference Monotonicity in Combinatorial Assignment	Jakob Weissteiner, Jakob Heiss, Julien Siems, Sven Seuken
			15:30-17:00	Lehar 2	[Agent-based and Multi-agent Systems] Economic Paradigms, Auctions and Market-Based Systems AMSJEPAMBS
#2145	VidytVanika21: An Autonomous Intelligent Broker for Smart-grids	Sanjay Chandikar, Bala Suraj Pedasingu, Easwar Subramanian, Sanjay Bhat, Praveen Paruchuri, Sujit Gujar			
#6266	The Power of Media Agencies in Ad Auctions: Improving Utility through Coordinated Bidding	Giulia Romano, Matteo Castiglioni, Alberto Marchesi, Nicola Gatti			
#7473	Public Signaling in Bayesian Ad Auctions	Francesco Bacchiocchi, Matteo Castiglioni, Alberto Marchesi, Giulia Romano, Nicola Gatti			
#7567	Can Buyers Reveal for a Better Deal?	Daniel Halpern, Gregory Kehne, Jamie Tucker-Foltz			
#264	Two for One & One for All: Two-Sided Manipulation in Matching Markets	Hadi Hosseini, Fatima Umar, Rohit Vaish			
#4374	Transfer Learning Based Adaptive Automated Negotiating Agent Framework	Ayan Sengupta, Shiriji Nakadai, Yasser Mohammad			
#4525	The Dichotomous Affiliate Stable Matching Problem: Approval-Based Matching with Applicant-Employer Relations	Marina Knittel, Samuel Dooley, John Dickerson			
#4736	Anytime Capacity Expansion in Medical Residency Match by Monte Carlo Tree Search	Kenshi Abe, Junpei Komiya, Atsushi Iwasaki			
#7573	How to Sample Approval Elections?	Stanislaw Szufa, Piotr Faliszewski, Lukasz Janeczko, Martin Lackner, Arkadii Slinko, Krzysztof Sornat, Nimrod Talmon			
16:00-19:00	Hall B: Booth UCAI-1J2		#5545	Two-Sided Matching over Social Networks	Sung-Ho Cho, Taiki Todo, Makoto Yokoo
			#839	Contests to Incentivize a Target Group	Edith Elkind, Abheek Ghosh, Paul W. Goldberg
			#922	On Discrete Truthful Heterogeneous Two-Facility Location	Panagiotis Kanellopoulos, Alexandros A. Voudouris, Rongsen Zhang
16:00-19:00	Hall B: Booth UCAI- 1J2		Robot Exhibition		
17:00-19:00	Exhibition / Hall B		Demos		
17:00-19:00	Exhibition / Hall B		Poster Session 2		

FRIDAY, July 29th

09:00-13:00		Hall B: Booth UCAI-1/2		Robot Exhibition			
09:00-10:00		Strauss 2-3		Invited Talk Ana Paiva			
10:00-10:50	Stolz 2	[Constraint Satisfaction and Optimization]	#480	Online Matching with Controllable Rewards and Arrival Probabilities	Yuya Hikima, Yasunori Akagi, Naoki Marumo, Hideaki Kim		
			#4554	Lexicographic Multi-Objective Reinforcement Learning	Joar Skalse, Lewis Hammond, Charlie Griffin, Alessandro Abate		
			#3933	A Multivariate Complexity Analysis of Qualitative Reasoning Problems	Leif Eriksson, Victor Lagerkvist		
			#4584	Best Heuristic Identification for Constraint Satisfaction	Frederic Koiriche, Christophe Lecoutre, Anastasia Paparizou, Hugues Watez		
10:00-10:50	Lehar 3	[Knowledge Representation and Reasoning] Description Logics and Ontologies	#JT39	Popularity-Similarity Random SAT Formulas	Jesus Giráldez-Cru, Jordi Levy		
			#1971	Frontiers and Exact Learning of ELI Queries under DL-Lite Ontologies	Maurice Funk, Jean Christoph Jung, Carsten Lutz		
			#5330	Computing Concept Referring Expressions for Queries on Horn ALC Ontologies	Mortiz Illich, Birte Glimm		
			#JT26	On the First-Order Rewritability of Ontology-Mediated Queries in Linear Temporal Logic (Extended Abstract)	Alessandro Artale, Roman Kontchakov, Alisa Kovtunova, Vladislav Ryzhikov, Frank Wolter, Michael Zakharyashev		
			#SI16	Asymmetric Hybrids: Dialogues for Computational Concept Combination (Extended Abstract)	Guendalina Righetti, Daniele Porello, Nicolas Troquard, Oliver Kutz, Maria Hedblom, Pietro Galliani		
			#SI18	Capturing Homomorphism-Closed Decidable Queries with Existential Rules (Extended Abstract)	Camille Bourgaux, David Carral, Markus Krötzsch, Sebastian Rudolph, Michael Thomazo		
10:00-10:50	Strauss 1	[Machine Learning] Sequence and Graph Learning	#4325	SGAT: Simplicial Graph Attention Network	See Hian Lee, Feng Ji, Wei Peng Tay		
			#5889	DyGRAIN: An Incremental Learning Framework for Dynamic Graphs	Seoyoon Kim, Seongjun Yun, Jaewoo Kang		
			#784	Neural Subgraph Explorer: Reducing Noisy Information via Target-oriented Syntax Graph Pruning	Bowen Xing, Ivor Tsang		
			#5772	GraphDIVE: Graph Classification by Mixture of Diverse Experts	Fenyu Hu, Liping Wang, Qiang Liu, Shu Wu, Liang Wang, Tieniu Tan		
			#2734	Set Interdependence Transformer: Set-to-Sequence Neural Networks for Permutation Learning and Structure Prediction	Mateusz Jurewicz, Leon Derczynski		
10:00-10:50	Stolz 1	[Humans and AI]	#5299	Table2Graph: Transforming Tabular Data to Unified Weighted Graph	Kaixiong Zhou, Zirui Liu, Rui Chen, Li Li, Soo-Hyun Choi, Xia Hu		
			#513	Learning Multi-dimensional Edge Feature-based AU Relation Graph for Facial Action Unit Recognition	Cheng Liu, Siyang Song, Weicheng Xie, Linlin Shen, Haticc Gunes		
			#7554	Forming Effective Human-AI Teams: Building Machine Learning Models that Complement the Capabilities of Multiple Experts	Patrick Hemmer, Sebastian Schellhammer, Michael Vössing, Johannes Jakubik, Gerhard Satzger		
			#5116	Semi-Supervised Imitation Learning of Team Policies from Suboptimal Demonstrations	Sangwon Seo, Vaibhav V. Unhelkar		
			#5713	Multi-Tier Platform for Cognizing Massive Electroencephalogram	Zheng Chen, Lingwei Zhu, Zifei Yang, Renyuan Zhang		
10:00-10:50	Lehar 1	[Planning and Scheduling] Planning Algorithms	#DM2	CARBEN: Composite Adversarial Robustness Benchmark	Lei Hsiung, Yun-Yun Tsa, Pin-Yu Chen, Tsung-Yi Ho		
			#DM32	Fine-tuning Deep Neural Networks by Interactively Refining the 2D Latent Space of Ambiguous Images	Jiafu Wei, Haoran Xie, Chia-Ming Chang, Xi Yang		
			#1701	Dynamic Car Dispatching and Pricing: Revenue and Fairness for Ridesharing Platforms	Zishuo Zhao, Xi Chen, Xuefeng Zhang, Yuan Zhou		
			#2876	Explaining Soft-Goal Conflicts through Constraint Relaxations	Rebecca Effler, Jeremy Frank, Jörg Hoffmann		
			#6318	Planning with Qualitative Action-Trajectory Constraints in PDDL	Luigi Bonassi, Alfonso Emilio Gerevini, Enrico Scala		
10:00-10:50	Schubert 1	[Agent-based and Multi-agent Systems] Computational Social Choice	#4627	Online Planning in POMDPs with Self-Improving Simulators	Jinke He, Miguel Sual, Hendrik Baier, Michael Kaisers, Frans A. Oliehoek		
			#5292	Adaptive Information Belief Space Planning	Moran Barenboim, Vadim Indelman		
			#7377	Landmark Heuristics for Lifted Classical Planning	Julia Wlachacz, Daniel Höller, Jörg Hoffmann		
			#6330	General Optimization Framework for Recurrent Reachability Objectives	David Klaska, Antonin Kucera, Vit Musil, Vojtech Rehak		
			Videos: Arts & AI and Competition				
10:00-10:55	Lehar 2	[Agent-based and Multi-agent Systems] Computational Social Choice	#6110	Plurality Veto: A Simple Voting Rule Achieving Optimal Metric Distortion	Fatih Kızılkaya, David Kempe		
			#7662	Group Wisdom at a Price: Jury Theorems with Costly Information	Matteo Michellini, Adrian Haret, Davide Grossi		
			#1856	Phragmén Rules for Degressive and Regressive Proportionality	Michał Jaworski, Piotr Skowron		
			#3947	Strategy Proof Mechanisms for Facility Location with Capacity Limits	Toby Walsh		
			#6013	Let's Agree to Agree: Targeting Consensus for Incomplete Preferences through Majority Dynamics	Sirin Botan, Simon Rey, Zoi Terzopoulou		
10:00-10:50	Lehar 4	[Machine Learning] Classification	#4553	When Votes Change and Committees Should (Not)	Robert Bredebeck, Till Fluschnik, Andrzej Kaczmarczyk		
			#2628	Logit Mixing Training for More Reliable and Accurate Prediction	Duhyeon Bang, Kyungjune Baek, Jiwoo Kim, Yunho Jeon, Jin-Hwa Kim, Jiwon Kim, Jongwook Lee, Hyunjung Shim		
			#1533	SELC: Self-Ensemble Label Correction Improves Learning with Noisy Labels	Yangdi Lu, Wenbo He		
			#2005	TopoSeg: Topology-aware Segmentation for Point Clouds	Weiquan Liu, Hanyun Guo, Weini Zhang, Yu Zang, Cheng Wang, Jonathan Li		
			#5570	Certified Robustness via Randomized Smoothing over Multiplicative Parameters of Input Transformations	Nikita Muravev, Aleksandr Petushko		
10:50-11:15	Coffee break						
11:15-12:15	Stolz 1	[AI Ethics, Trust, Fairness] Fairness & Diversity	#4497	SoFair: Single Shot Fair Representation Learning	Xavier Guitau, Huzefa Rangwala		
			#4638	Individual Fairness Guarantees for Neural Networks	Elias Bernus, Andrea Patane', Matthew Wicker, Luca Laurenti, Marta Kwiatkowska		
			#1860	Fairness without the Sensitive Attribute via Causal Variational Autoencoder	Vincent Grari, Sylvain Lamprier, Marcin Detyniecki		
			#SI24	Computationally Efficient Optimization of Plackett-Luce Ranking Models for Relevance and Fairness (Extended Abstract)	Harrie Oosterhuis		
			#7475	An EF2X Allocation Protocol for Restricted Additive Valuations	Hannaneh Akrami, Rojin Rezvan, Masoud Seddighin		
11:15-12:30	Schubert 1	[Agent-based and Multi-agent Systems] Computational Social Choice	#DM67	Sign-to-Speech Model for Sign Language Understanding: A Case Study of Nigerian Sign Language	Steven Kolawole, Opeyemi Osakuade, Nayan Saxena, Babatunde Kazeem Olorisade		
			#1737	Proportional Budget Allocations: Towards a Systematization	Maaike Los, Zoé Christoff, Davide Grossi		
			Competition				
			#5608	Approximate Strategyproof Mechanisms for the Additively Separable Group Activity Selection Problem	Michele Flammini, Giovanna Varricchio		
			#5738	Preserving Consistency in Multi-Issue Liquid Democracy	Rachael Colley, Umberto Grandi		
11:15-12:30	Lehar 2	[Agent-based and Multi-agent Systems] Computational Social Choice	#6032	Representation Matters: Characterisation and Impossibility Results for Interval Aggregation	Ulle Endriss, Arianna Novaro, Zoi Terzopoulou		
			#7633	Near-Tight Algorithms for the Chamberlin-Courant and Thiele Voting Rules	Krzysztof Sornat, Virginia Vassilevska Williams, Yinzhan Xu		
			#7638	Insight into Voting Problem Complexity Using Randomized Classes	Zack Fitzsimmons, Edith Hemaspaandra		
			#7869	Explaining Preferences by Multiple Patterns in Voters' Behavior	Sonja Kraicz, Edith Elkind		
			#DM18	Displaying Justifications for Collective Decisions	Arthur Boixel, Ulle Endriss, Oliviero Nardi		
11:15-12:30	Strauss 1	[Machine Learning] Probabilistic Machine Learning	#DM58	Ito: An Online Iterative Voting Application	Joseph Boudou, Rachael Colley, Umberto Grandi		
			#1340	Envy-Free and Pareto-Optimal Allocations for Agents with Asymmetric Random Valuations	Yushi Bai, Paul Gözl		
			#2852	On the Ordinal Invariance of Power Indices on Coalitional Games	Jean-Paul Doignon, Stefano Moretti, Metem Ozturk		
			#4126	The Complexity of Envy-Free Graph Cutting	Argyrios Deligkas, Eduard Eiben, Robert Ganian, Thekla Hamm, Sebastian Ordyniak		
			#4598	Efficient Resource Allocation with Secretive Agents	Soroush Ebadian, Rupert Freeman, Nisarg Shah		
11:15-12:30	Strauss 1	[Machine Learning] Probabilistic Machine Learning	#5277	Pseudo-spherical Knowledge Distillation	Kyungmin Lee, Hyeonkeun Lee		
			#JT15	Overlapping Communities and Roles in Networks with Node Attributes: Probabilistic Graphical Modeling, Bayesian Formulation and Variational Inference (Extended Abstract)	Gianni Costa, Riccardo Ortale		
			#SI5	Homeomorphic-Invariance of EM: Non-Asymptotic Convergence in KL Divergence for Exponential Families via Mirror Descent (Extended Abstract)	Frederik Kunstner, Raunak Kumar, Mark Schmidt		
			#5423	Non-Cheating Teaching Revisited: A New Probabilistic Machine Teaching Model	César Ferri, José Hernández-Orallo, Jan Arne Telle		
			#1522	Projected Gradient Descent Algorithms for Solving Nonlinear Inverse Problems with Generative Priors	Zhaoqiang Liu, Jun Han		
11:15-12:30	Strauss 1	[Machine Learning] Probabilistic Machine Learning	#4228	Memory Augmented State Space Model for Time Series Forecasting	Yinbo Sun, Lintao Ma, Yu Liu, Shijun Wang, James Zhang, YangFei Zheng, Hu Yun, Lei Lei, Yulin Kang, Linbao Ye		
			#1496	On the Utility of Prediction Sets in Human-AI Teams	Varun Babbar, Umang Bhatt, Adrian Weller		

11:15-12:30	Lehar 4	[Natural Language Processing] 2/2	#4138 Variational Learning for Unsupervised Knowledge Grounded Dialogs #5445 Leveraging the Wikipedia Graph for Evaluating Word Embeddings #SV128 A Survey on Neural Open Information Extraction: Current Status and Future Directions #SV168 Detecting and Understanding Harmful Memes: A Survey #SV186 Legal Judgment Prediction: A Survey of the State of the Art	Mayank Mishra, Dhiraj Madan, Gaurav Pandey, Danish Contractor Joachim Giesen, Paul Kahlmeyer, Frank Nussbaum, Sina Zarrieß Shaowen Zhou, Bowen Yu, Aixin Sun, Cheng Long, Jingyang Li, Jian Sun Shivam Sharma, Firg Alam, Md. Shad Alhtar, Dimitar Dimitrov, Giovanni Da San Martino, Hamed Firooz, Alon Halevy, Fabrizio Silvestri, Preslav Nakov, Tanmoy Chakraborty Yi Feng, Chuanyi Li, Vincent Ng
11:15-12:30	Lehar 1	[Multidisciplinary Topics and Applications] Health and Medicine	#SI4 Open Data Science to Fight COVID-19: Winning the 500k XPRIZE Pandemic Response Challenge (Extended Abstract) #SI8 Towards Facilitating Empathic Conversations in Online Mental Health Support: A Reinforcement Learning Approach (Extended Abstract) #SI23 Rx-refill Graph Neural Network to Reduce Drug Overprescribing Risks (Extended Abstract) #4722 Transformer-based Objective-reinforced Generative Adversarial Network to Generate Desired Molecules #DM48 AMICA: An Argumentative Search Engine for COVID-19 Literature #4961 Self-Supervised Learning with Attention-based Latent Signal Augmentation for Sleep Staging with Limited Labeled Data #DM29 PillCoof: Automated and Interactive Pill Dispenser Using Facial Recognition for Safe and Personalized Medication #DM69 Together about Dementia	Miguel Angel Lozano, Óscar Garbo+Orts, Eloy Piñol, Miguel Rebollo, Kristina Polotskaya, Miguel Angel Garcia-March, J. Alberto Conejero, Francisco Escolano, Nuria Oliver Ashish Sharma, Inna W. Lin, Adam S. Miner, Dave C. Atkins, Tim Althoff Jianfei Zhang, Ai-Te Kuo, Jianan Zhao, Qianlong Wen, Erin Winstanley, Chuxu Zhang, Yanfang Ye Chen Li, Chikashige Yamanaka, Kazuma Katoh, Yoshihiro Yamanishi Marco Lippi, Francesco Antici, Gianfranco Brambilla, Evaristo Cisbani, Andrea Galassi, Daniele Giansanti, Fabio Magurano, Antonella Rosi, Federico Ruggeri, Paolo Torroni Harim Lee, Eunseo Seong, Dong-Kyu Chae Jonghyeok Kim, Hosung Kwon, Jonghyeon Kim, Jinsoo Park, Soong-Un Choi, Sookyoung Kim Nicklas Sindlev Andersen, Marco Chiarandini
11:15-12:30	Stolz 2	[Data Mining] 2/2	#2118 Disentangling the Computational Complexity of Network Untangling #2488 Long-term Spatio-Temporal Forecasting via Dynamic Multiple-Graph Attention #4176 Raising the Bar in Graph-level Anomaly Detection #7581 Decentralized Unsupervised Learning of Visual Representations #JT12 Improving the Effectiveness and Efficiency of Stochastic Neighbour Embedding with Isolation Kernel (Extended Abstract) #SV17 The Shapley Value in Machine Learning #SV217 Few-Shot Learning on Graphs #SI19 Improving Inductive Link Prediction Using Hyper-Relational Facts (Extended Abstract)	Vincent Froese, Pascal Kunz, Philipp Zschoche Wei Shao, Zhiling Jin, Shuo Wang, Yufan Kang, Xiao Xiao, Hamid Menouar, Zhaofeng Zhang, Junshan Zhang, Flora Salim Chen Qiu, Marius Kloft, Stephan Mandt, Maja Rudolph Yawen Wu, Zhepeng Wang, Dewen Zeng, Meng Li, Yiyu Shi, Jingtong Hu Ye Zhu, Kai Ming Ting Benedek Rozemberczki, Lauren Watson, Péter Bayer, Hao-Tsung Yang, Olivér Kiss, Sebastian Nilsson, Rik Sarkar Chuxu Zhang, Kaize Ding, Jundong Li, Xiangliang Zhang, Yanfang Ye, Nitesh V. Chawla, Huan Liu Mehdi Ali, Max Berrendorf, Mikhail Galkin, Veronika Thost, Tengfei Ma, Volker Tresp, Jens Lehmann
11:15-12:30	Lehar 3	[Knowledge Representation and Reasoning] Reasoning about actions	#21 The Limits of Morality in Strategic Games #1926 Beyond Strong-Cyclic: Doing Your Best in Stochastic Environments #770 Synthesis of Maximally Permissive Strategies for LTL Specifications #2150 LTL Synthesis as AND-OR Graph Search: Knowledge Compilation at Work #4663 Verification and Monitoring for First-Order LTL with Persistence-Preserving Quantification over Finite and Infinite Traces #JT50 Situation Calculus for Controller Synthesis in Manufacturing Systems with First-Order State Representation (Extended Abstract) #5622 A Computationally Grounded Logic of 'Seeing-to-it-that' #5259 Markov Abstractions for PAC Reinforcement Learning in Non-Markov Decision Processes	Rui Cao, Pavel Naumov Benjamin Aminof, Giuseppe De Giacomo, Sasha Rubin, Florian Zuleger Shufang Zhu, Giuseppe De Giacomo Giuseppe De Giacomo, Marco Favorito, Jianwen Li, Moshe Y. Vardi, Shengping Xiao, Shufang Zhu Diego Calvanese, Giuseppe De Giacomo, Marco Montali, Fabio Patrizi Giuseppe De Giacomo, Paolo Felli, Brian Logan, Fabio Patrizi, Sebastian Sardiña Andreas Herzig, Emiliano Lorini, Elise Perrottin Alessandro Ronca, Gabriel Paludo Licks, Giuseppe De Giacomo
12:30-13:45			Lunch break	
13:45-15:15	Strauss 2-3		IJCAI Computers and Thought / John McCarthy Awards -- Bo Li and Michael Littmann	
15:15-15:45			Coffee break	
15:45-16:30	Strauss 2-3		IJCAI Research Excellence Award -- Stuart Russell	
16:30-17:00	Strauss 2-3		Closing	